TB251321S

Reg. No :.....

Name :.....

BACHELOR'S DEGREE EXAMINATION, OCTOBER 2025

2025 ADMISSIONS REGULAR

SEMESTER I - MINOR - B (TEXTILES)

TE1DSCB101B24 - Textile Science

Time : 1.5 Hours | Maximum Marks : 50

Part A

Answer all questions. Each question carries 1 mark. (1x10=10)

1. Recall wicking property of a textile fibre. [CO1,Remember]
2. Describe Retting. [CO1,Understand]
3. State any two uses of acrylic fibre. [CO1,Remember]
4. Define Spinning. [CO2,Remember]
5. Describe combing. [CO2,Understand]
6. Define yarn. [CO2,Remember]
7. Differentiate warp pile and weft pile. [CO3,Understand]
8. Explain the purpose of selvedge in a fabric. [CO3,Understand]
9. Identify shuttle. [CO3,Remember]
10. Explian the key differences between blends and mixtures. [CO4,Understand]

Part B

Answer any 2 questions from the bunch of CO1. Each question carries 5 mark. (5x2=10)

11. Discuss on the properties and uses of nylon fibre. [CO1,Understand]
12. Explain the retting process of linen fibre. [CO1,Understand]
13. Explain the chemical properties of textile fibres. [CO1,Understand]

Part B

Answer any 2 questions from the bunch of CO2. Each question carries 5 mark. (5x2=10)

14. Explain ring spinning operation. [CO2,Understand]
15. Describe the preparatory process before spinning of a cotton yarn. [CO2,Understand]
16. Differentiate between hand spinning and open end spinning. [CO2,Understand]

Part B

Answer any 2 questions from the bunch of CO3. Each question carries 5 mark. (5x2=10)

17. Discuss on Jacquard weave. [CO3,Understand]
18. Explain the parts of a basic loom. [CO3,Understand]
19. Explain with diagram the grain in a fabric. [CO3,Understand]

Part C

Answer any 1 question from the bunch of CO4. Each question carries 10 mark. (10x1=10)

20. Compare the process of weaving and any two non woven fabrics. [CO4,Understand]
21. Explain briefly on braids, nets, and felts. [CO4,Understand]